

---

IN THE UNITED STATES PATENT AND  
TRADEMARK OFFICE

---

In Re the Application of: John F. Schabron and Susan S. Sorini-Wong

Serial Number:

Filed:

For: Organic Contaminant Soil Extraction System

Group Art Unit:

Examiner:

Assignee: The University of Wyoming Research Corporation d/b/a Western  
Research Institute

---

**POWER OF ATTORNEY**

I, Michael Hauck, as Chief Technology Officer of The University of Wyoming Research Corporation, d/b/a Western Research Institute, hereby appoint Santangelo Law Offices, P.C., whose mailing address is 125 South Howes, Third Floor, Fort Collins, Colorado 80521, including Luke Santangelo, whose registration number before the United States Patent and Trademark Office is 31,997, Craig R. Miles, whose registration number before the United States Patent and Trademark Office is 45,954, Chad C. Soliz, whose registration number before the United States Patent and Trademark Office is 47,101, Alfred K. Wiedmann Jr., whose registration number before the United States Patent and Trademark Office is 48,033, and Nicole A. Ressue, whose registration number before the United States Patent and Trademark Office is 48,665, as Western Research Institute's attorneys to prosecute this application entitled "Organic Contaminant Soil Extraction System" and to transact all business in the Patent Office connected therewith. The undersigned grants the firm of Santangelo Law Offices, P.C., the power to insert on any document filed in this matter any further identification which may be necessary or desirable in order to indicate filing information or to comply with the rules of the United States Patent Office or any foreign patent office for recordation of this document, including, but not limited to, inserting the application number, the execution date, mailing information, or the filing date of the above-identified United States Patent Application based upon the Invention. The undersigned also acknowledges that the attorneys appointed are attorneys for the assignee, The University of Wyoming Research Corporation, d/b/a Western Research Institute, only.

Dated this 8<sup>th</sup> day of July, 2003.

By: Michael Hauck  
Michael Hauck  
Chief Technology Officer, The University of  
Wyoming Research Corporation, d/b/a  
Western Research Institute

wri/stirrer/CIP/CIP-Power

Express Mail No: EV069694995US  
Attorney Docket: WRIStirrerCIP

---

IN THE UNITED STATES PATENT AND  
TRADEMARK OFFICE

---

In Re the Application of: John F. Schabron and Susan S. Sorini-Wong

Serial Number:

Filed:

For: Organic Contaminant Soil Extraction System

Group Art Unit:

Examiner:

Assignee: The University of Wyoming Research Corporation d/b/a Western  
Research Institute

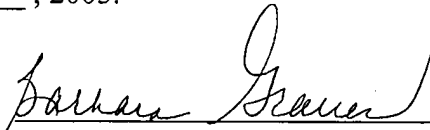
---

**CERTIFICATE OF EXPRESS MAILING**

I, Barbara Graves, hereby certify to the truth of the following items:

1. I am an employee of Santangelo Law Offices, P.C., 125 South Howes, 3rd Floor, Fort Collins, Colorado 80521.
2. I have this day deposited the attached Power of Attorney of The University of Wyoming Research Corporation d/b/a Western Research Institute with the United States Postal Service as "Express Mail" for mailing to: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Dated this 9<sup>th</sup> day of July, 2003.

  
Barbara Graves

---

IN THE UNITED STATES PATENT AND  
TRADEMARK OFFICE

---

In Re the Application of:     John F. Schabron and Susan S. Sorini-Wong

Serial Number:

Filed:

For:                                 Organic Contaminant Soil Extraction System

Group Art Unit:

Examiner:

Assignee:                         The University of Wyoming Research Corporation d/b/a Western  
Research Institute

---

**DECLARATION FOR PATENT APPLICATION**

This Declaration is made by John F. Schabron and Susan S. Sorini-Wong.

I, John F. Schabron, hereby declare:

- I am a citizen of the United States of America and that my residence and mailing address is: 1805 Arnold Street, Laramie, WY 82070.

I, Susan S. Sorini-Wong, hereby declare:

- I am a citizen of the United States of America and that my residence and mailing address is: 1403 Steele Street, Laramie, WY 82070.

We, John F. Schabron and Susan S. Sorini-Wong, each hereby declare:

We are the original, first, and joint inventors of the subject matter which is claimed, described and for which a patent is sought on the invention now entitled "Organic Contaminant Soil Extraction System" the specification of which has been provided to us at or prior to the time of signing this declaration. We have reviewed and understand the contents of this specification as above entitled,

including any claims.

We also believe that we are the original, first, and joint inventors of the subject matter:

- as originally entitled "Soil Extraction Stirring System" the specification of which was filed as United States Provisional Application Number 60/131,648, filed April 29, 1999, and
- as originally entitled "Soil Extraction Stirring System" the specification of which was filed as United States Application Number 09/558,979, filed April 27, 2000;

We hereby claim the benefit under Title 35, United States Code §120 of United States Application Number 09/558,979 filed April, 27, 2000 which claims the benefit under Title 35, United States Code §119 of United States Provisional Application 60/131,648 filed April 29, 1999; there are no foreign applications having a filing date before that of the application(s) on which priority is claimed.

We hereby declare that the specification and disclosure herein submitted is intended to include disclosure or claims directed to, individually or in combination: embodiments of the invention which may encompass a device, apparatus, method, process, or business method; embodiments of the invention which may encompass permutations or combinations of any aspects of the invention; any aspect of the invention conceived or developed as separate inventions; and any aspect of the invention independent of any initial context considered as preferred embodiments. We also authorize and support this application for patent protection in the United States, and for similar protection in foreign countries, each to be sought to the extent or breadth any owner desires or deems appropriate. We acknowledge that each of the attorneys and the firm filing this application are attorneys for the assignee, The University of Wyoming Research Corporation d/b/a Western Research Institute, only.

We acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56(a).

We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

We hereby grant the firm of Santangelo Law Offices, P.C., the power to insert on this Declaration or any other document any further identification which may be necessary or desirable in order to indicate filing information or to comply with the rules of the United States Patent Office or any foreign patent office for recordation of this document, including, but not limited to, inserting the application number, the execution date, mailing information, or the filing date of the above-identified United States Patent Application based upon the Invention.

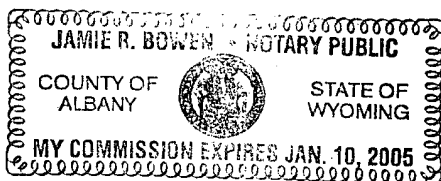
John F. Schabron  
John F. Schabron

Dated this 8 day of July, 2003.

UNITED STATES OF AMERICA     )  
STATE OF WYOMING            )ss.  
COUNTY OF Albany         )

SUBSCRIBED AND AFFIRMED OR SWORN to before me in the County of Albany State of Wyoming, United States of America, by John F. Schabron, this 8<sup>th</sup> day of July, 2003.

WITNESS my hand and official seal pursuant to the authority vested in me as a Notary Public by the State of Wyoming.



Jamie R. Bowen  
Notary Public  
My Commission Expires: Jan. 10, 2005

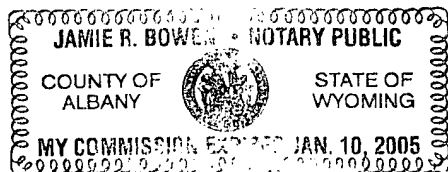
Susan S. Sorini-Wong  
Susan S. Sorini-Wong

Dated this 8 day of July, 2003.

UNITED STATES OF AMERICA     )  
STATE OF WYOMING             )ss.  
COUNTY OF Albany             )

SUBSCRIBED AND AFFIRMED OR SWORN to before me in the County of Albany State of Wyoming,  
United States of America, by Susan S. Sorini-Wong, this 8<sup>th</sup> day of July, 2003.

WITNESS my hand and official seal pursuant to the authority vested in me as a Notary Public by the State of Wyoming.



Jamie R. Bower  
Notary Public  
My Commission Expires: Jan. 10, 2005

Express Mail No: EV069694995US  
Attorney Docket: WRISirrerCIP

---

IN THE UNITED STATES PATENT AND  
TRADEMARK OFFICE

---

In Re the Application of: John F. Schabron and Susan S. Sorini-Wong

Serial Number:

Filed:

For: Organic Contaminant Soil Extraction System

Group Art Unit:

Examiner:

Assignee: The University of Wyoming Research Corporation d/b/a Western  
Research Institute

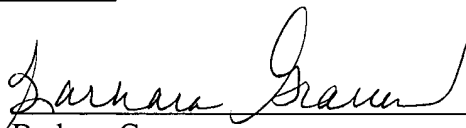
---

**CERTIFICATE OF EXPRESS MAILING**

I, Barbara Graves, hereby certify to the truth of the following items:

1. I am an employee of Santangelo Law Offices, P.C., 125 South Howes, Third Floor, Fort Collins, Colorado 80521.
2. I have this day deposited the attached Declaration for Patent Application of John F. Schabron and Susan S. Sorini-Wong with the United States Postal Service as "Express Mail" for mailing to: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Dated this 9<sup>th</sup> day of July, 2003.

  
Barbara Graves



---

IN THE UNITED STATES PATENT AND  
TRADEMARK OFFICE

---

In Re the Application of: John F. Schabron and Susan S. Sorini-Wong

Serial Number:

Filed:

For: Organic Contaminant Soil Extraction System

Group Art Unit:

Examiner:

Assignee: The University of Wyoming Research Corporation d/b/a Western  
Research Institute

---

**STATEMENT ESTABLISHING SMALL ENTITY STATUS  
(NONPROFIT ORGANIZATION)**

I, Michael Hauck, as Chief Technology Officer of The University of Wyoming Research Corporation d/b/a Western Research Institute, pursuant to 37 C.F.R. Section 1.27(c) state that the following facts are true:

1. I hereby declare that I am an official empowered to act on behalf of the nonprofit organization, The University of Wyoming Research Corporation d/b/a Western Research Institute, having its principal office at 365 North 9th Street, Laramie, WY 82072-3380.

2. Type of nonprofit organization:



UNIVERSITY OR OTHER INSTITUTION OF HIGHER EDUCATION



TAX EXEMPT UNDER INTERNATIONAL REVENUE SERVICE CODE (26 U.S.C. §§ 501(A)  
AND 501(C)(3))



NONPROFIT SCIENTIFIC OR EDUCATIONAL UNDER STATUTE OF THE UNITED STATES  
OF AMERICA  
(NAME OF STATE \_\_\_\_\_)  
(CITATION OF STATE \_\_\_\_\_)

☐ WOULD QUALIFY AS TAX EXEMPT UNDER INTERNAL REVENUE SERVICE CODE 26 U.S.C. §§ 501(a) and 501(c)(3) IF LOCATED IN THE UNITED STATES OF AMERICA

☐ WOULD QUALIFY AS NONPROFIT SCIENTIFIC OR EDUCATIONAL UNDER STATUTE OF THE STATE OF THE UNITED STATES OF AMERICA IF LOCATED IN THE UNITED STATES OF AMERICA

(NAME OF STATE \_\_\_\_\_)

(CITATION OF STATE \_\_\_\_\_)

3. As set forth in 13 C.F.R. Section 121.802, The University of Wyoming Research Corporation d/b/a Western Research Institute is an entity whose number of employees, including those of its affiliates, does not exceed 500 persons and which has not assigned, granted, conveyed, or licensed, and is under no obligation under contract or law to assign, grant, convey or license, any rights in the subject matter of the enclosed Patent Application to another entity that does not qualify under small entity status. Accordingly, The University of Wyoming Research Corporation d/b/a Western Research Institute appears to qualify as a nonprofit organization as defined in 37 C.F.R. Section 1.27(a)(3).

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Dated this 8<sup>th</sup> day of July, 2003.

By:

Michael Hauck

Michael Hauck,  
Chief Technology Officer of The University  
of Wyoming Research Corporation d/b/a  
Western Research Institute

Express Mail No: EV069694995US  
Attorney Docket: WRISirrerCIP

---

IN THE UNITED STATES PATENT AND  
TRADEMARK OFFICE

---

In Re the Application of: John F. Schabron and Susan S. Sorini-Wong

Serial Number:

Filed:

For: Organic Contaminant Soil Extraction System

Group Art Unit:

Examiner:

Assignee: The University of Wyoming Research Corporation d/b/a Western Research  
Institute

---


**CERTIFICATE OF EXPRESS MAILING**

I, Barbara Graves, hereby certify to the truth of the following items:

1. I am an employee of Santangelo Law Offices, P.C., 125 South Howes, Third Floor, Fort Collins, Colorado 80521.

2. I have this day deposited the attached Statement Establishing Small Entity Status (Nonprofit organization) with the United States Postal Service as "Express Mail" for mailing to: Mail Stop Patent Application, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.

Dated this 9<sup>th</sup> day of July, 2003.

  
Barbara Graves